Table SI. Displacements (Å) of Cα Main Chain Atoms and Maximum Displacements of Side Chain Atoms of Selected Active Site Residues of the AP:dG Complex relative to the Replicative Complex

residue	main chain	side chain
D411	1.0	3.1
R482	3.6	4.5
K486	7.1	8.8
K560	3.6	6.9
L561	3.5	4.9
N564	3.2	5.1
S565	2.2	3.2
Y567	1.6	1.2
G568	1.9	
N572	1.2	0.9
D623	1.2	1.7